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IS FROM THE CIA/PHOTOGRAPHIC INTELLIGENCE DIVISION. CITE CLA-P 030.

THE SURFACE-TO-AIR MISSILE TRACKING/INSTRUMENTATION FACILITIES AT KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER ARE NOW SUSPECT OF TOTALLING 17 SITES AND EXTENDING 135 NAUTICAL MILES DOWN RANGE. THIS SUSPECT EXTENSION OF TRACKING FACILITIES IS BASED ON A CORRELA-TION OF COMPONENTS AT PREVIOUSLY REPORTED "H-SHAPED" RADAR SITES AND COMPONENTS RECENTLY OBSERVED AT KY/VLAD MTC SAM INSTRUMENTATION SITES 10 AND 11. THE LATTER TWO SITES ARE CONNECTED TO THE (SEE NPIC/R-126/65) KY/VLAD MTC SAM RANGEHEAD BY CABLE LINES.

THE PREVIOUSLY REPORTED "H-SHAPED" RADAR SITES ARE OF TWO CONFIGURATIONS WITH DIFFERING NUMBERS OF COMPONENTS. ONE CONFIGURA-TION CONSISTS OF FOUR ELEVATED RADAR POSITIONS FORMING A SQUARE APPROXIMATELY 575 FEET ON A SIDE WITH ROAD ACCESS FORMING A DIST-INCTIVE H-PATTERN. IN ADDITION TO THE FOUR RADAR POSITIONS ARE THREE SUSPECT INSTRUMENTATION POSITIONS AND A SUPPORT AREA OF INSTALLATIONS OF THIS CONFIGURATION APPROXIMATELY FOUR BUILDINGS. IN THE GENERAL KAPUSTIN YAR AREA ARE LOCATED NEAR ELTON, GORNYY BALYKLEY, AND PALLASOVKA.

THE SECOND CONFIGURATION OF "H-SHAPED" RADAR SITE CONSISTS OF

A TOTAL OF TEN RADAR POSITIONS, FOUR OF WHICH ARE ELEVATED AND FORM A SQUARE APPROXIMATELY 575 FEET ON A SIDE, THREE SUSPECT INSTRUMEN-TATION POSITIONS, AND A SUPPORT AREA OF APPROXIMATELY 25 BUILDINGS. INSTALLATIONS OF THIS CONFIGURATION IN THE GENERAL KAPUSTIN YAR AREA ARE LCCATED NEAR KANYSHIN, ALEKSANDROV GAY (CITE CIA-P-022), AND COMPLEX G KY/VLAD MTR (SEE MPIC/R-819/64).

INSTRUMENTATION SITES 10 AND 11 ARE BELIEVED TO BE THE SECOND CONFIGURATION "H-SHAPED" RADAR SITE SINCE THEY EACH CONSIST OF TEN RADAR POSITIONS, FOUR OF WHICH FORM A SQUARE APPROXIMATELY 575 FEET ON A SIDE, AND THREE SUSPECT INSTRUMENTATION POSITIONS. HOWEVER, THESE TWO SITES LACK THE CHARACTERISTIC H-SHAPED ROAD PATTERN, AND THEIR RESPECTIVE SUPPORT AREAS ONLY TOTAL FOUR STRUCT-CONSISTED URES. SITE 19. WHEN OBSERVED ON OF FOUR OCCUPIED RADAR POSITIONS, SIX UNOCCUPIED RADAR POSITIONS, AND THREE OCCUPIED SUSPECT INSTRUMENTATION POSITIONS. SITE 11, CONSISTED OF SEVEN WHEN OBSERVED ON OCCUPIED RADAR POSITIONS, THREE UNOCCUPIED RADAR POSITIONS, AND THREE OCCUPIED SUSPECT INSTRUMENTATION POSITIONS.

THE KY/VLAD MTC SAW RANGEHEAD IS LOCATED AT 48-48N 845-45E AND THE NOMINAL FLIGHT LINE, BASED ON NEAR-RANGE INSTRUMENTATION AND ORIENTATION OF LAUNCH FACILITIES, IS APPROXIMATELY 30 DEGREES. GEOGRAPHIC COORDINATES, AND DISTANCES AND BEARINGS FROM SAM RANGEHEAD FOR THE "H-SHAPED" RADAR SITES ARE AS FOLLOWS:

GEO COORDS DISTANCE (N.M.) BEARING (DEGREES) SITE

49-02N 046-16E

22.8

65

11

19

49-07N 045-43E

19.3

Approved For Release 2007/12/11: CIA-RDP78B04558A001100120002-5

25X1

25X1

25X1

COMPLEX G--KY/V 48-25 N Ø46-14E 30.0 25X1

135.7

25X1

25X1

-- END OF MESSAGE--

ALEKSANDROV GAY 50-10N 048-34E

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